

Project Title	Funding	Strategic Plan Objective	Institution
Animal model of speech sound processing in autism	\$239,188	Q4.S.B	University of Texas at Dallas
Autism Treatment Network (ATN) 2011- BCM/TCH	\$25,000	Q7.N	Baylor College of Medicine
Enabling use of blood spot cards for accurate high throughput Fragile X screening	\$1,142,346	Q1.S.A	Asuragen, Inc.
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	\$0	Q3.S.B	University of Texas Health Science Center at San Antonio
Epidemiological research on autism in Jamaica - Phase II	\$607,366	Q3.S.H	University of Texas Health Science Center at Houston
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$291,826	Q3.Other	University of Texas Southwestern Medical Center
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$147,531	Q1.L.B	University of Texas San Antonio
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$175,802	Q2.Other	University of Texas Health Science Center, San Antonio
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$0	Q5.Other	University of North Texas
High throughput sequencing of autism spectrum disorder (ASD) endophenotypes	\$39,432	Q2.S.G	Baylor College of Medicine
Hippocampal mechanisms of social learning in animal models of autism	\$62,500	Q2.Other	Baylor College of Medicine
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$587,398	Q3.S.J	Baylor College of Medicine
Identification of candidate serum antibody biomarkers for ASD	\$112,032	Q1.L.B	University of Texas Southwestern Medical Center
Increasing variability of verbal initiations through the responses of conversation patterns	\$2,449	Q4.Other	Texas Christian University
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	\$56,900	Q4.S.B	Baylor College of Medicine
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	\$55,670	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$393,841	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of synapse elimination by autism-linked genes	\$240,115	Q2.S.D	University of Texas Southwestern Medical Center
Motor control and cerebellar maturation in autism	\$157,148	Q2.Other	University of Texas Southwestern Medical Center
Motor cortex plasticity in MeCP2 duplication syndrome	\$125,000	Q2.S.D	Baylor College of Medicine
Mouse Model of Dup15q Syndrome	\$84,253	Q2.S.D	Texas AgriLife Research
Multisensory processing in autism	\$0	Q2.Other	Baylor College of Medicine
Mutations associated with carnitine deficiency: risk factor for regression in ASD	\$78,650	Q2.S.F	Baylor College of Medicine

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Neurexin function in vivo: Implications for autism and mental retardation	\$373,032	Q4.S.B	University of Texas Southwestern Medical Center
NMR/cryo-mMR Machine	\$125,000	Q7.P	Texas Children's Hospital
Novel genetic models of autism	\$415,328	Q4.S.B	University of Texas Southwestern Medical Center
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$0	Q4.S.B	University of Texas Health Science Center at San Antonio
Preclinical Autism Consortium for Therapeutics (PACT) at Baylor College of Medicine	\$98,351	Q4.S.B	Baylor College of Medicine
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	\$58,900	Q4.S.B	University of Texas Southwestern Medical Center
Preparation of leaders across the lifespan for autism	\$250,000	Q7.K	Texas A&M University
Project CHANGE (Children with Autism Need a Great Education)	\$0	Q5.Other	University of Texas at El Paso
Project DART: Distance Education for Autism Personnel in Rural Texas	\$0	Q5.L.A	University of North Texas
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	\$249,999	Q5.Other	Texas Tech University
Project STARS: Systematic Training for Autism Researchers and School Personnel	\$0	Q7.K	University of North Texas
Project STArT: Systematic Training of Autism Teachers	\$249,121	Q5.Other	University of North Texas
Rat knockout models of ASD	\$0	Q4.S.B	Baylor College of Medicine
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$297,849	Q5.Other	University of Texas of the Permian Basin
Role of MEF2 and neural activity in cortical synaptic weakening and elimination	\$415,385	Q2.S.D	University of Texas Southwestern Medical Center
Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Simons Simplex Collection support grant	\$26,824	Q3.L.B	Baylor College of Medicine
Simons Variation in Individuals Project (VIP) Site	\$316,306	Q2.S.G	Baylor College of Medicine
Striatal synaptic abnormalities in models of autism	\$381,600	Q4.S.B	University of Texas Southwestern Medical Center
Temporally controlled genetic rescue of Shank3 autism model	\$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Texas Educators for Students with Autism (TESA)	\$0	Q5.Other	Texas State University-San Marcos
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	\$0	Q2.Other	Baylor College of Medicine
TMLHE deficiency and a carnitine hypothesis for autism	\$60,000	Q2.S.D	Baylor College of Medicine
Trial of carnitine therapy in TMLHE deficiency and non-dysmorphic autism	\$330,439	Q4.S.C	Baylor College of Medicine

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Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	\$9,278	Q4.L.D	Texas State University

